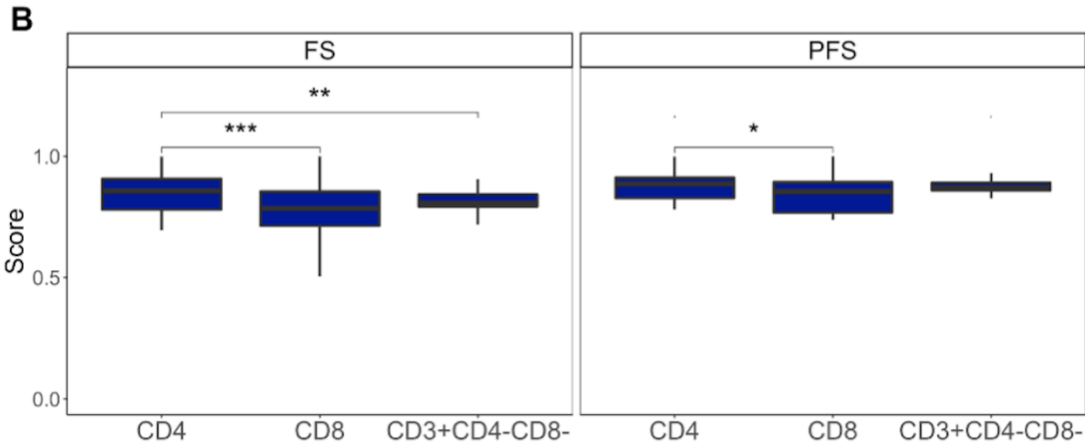
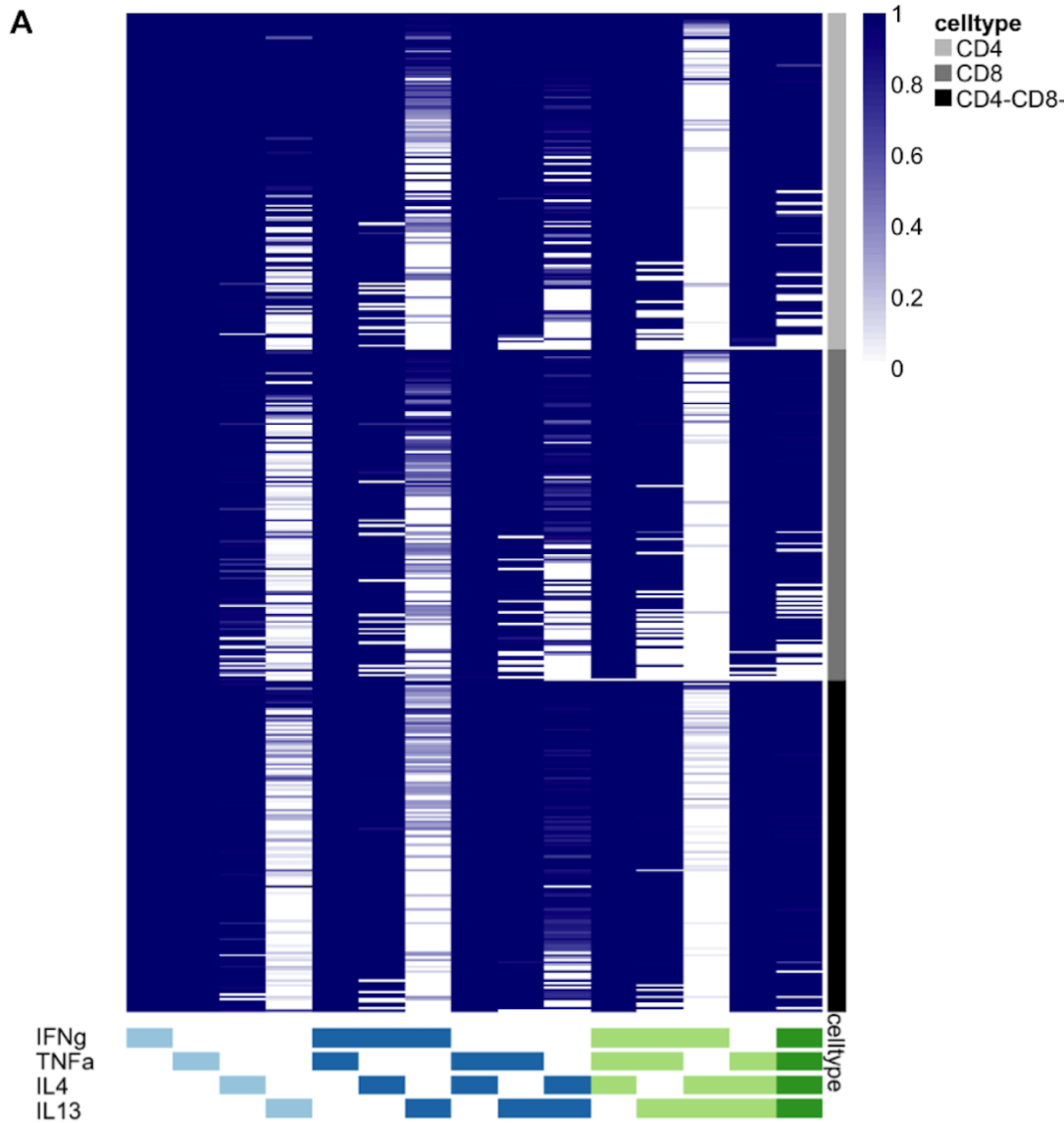


Supporting Information



S3 Fig. CD4 T cells have a greater functional response to PMA/ionomycin than CD8 and CD3+CD4–CD8– T cells. PBMC from individuals in each group were stimulated with PMA and analyzed by flow cytometry as described in Fig 1. Intracellular expression of IFN γ , TNF α , IL-4, and IL-13 was measured by flow cytometry. (A) ICS data were analyzed using COMPASS and the results from each cytokine subset are displayed as a heatmap. Rows represent study subjects and columns represent cytokine combinations. The intensity of shading represents the probability of detecting a response above background. (C) Subject-specific COMPASS results were summarized for 63 individuals using the functionality and polyfunctionality scores. Scores from CD4, CD8 and CD3+CD4–CD8– T cell subsets were aggregated across all groups. Boxes represent the median and interquartile ranges; whiskers represent the 1.5*IQR. Differences between the scores of each T cell subset were assessed using a Kruskal-Wallis test with Nemenyi correction for multiple pairwise comparisons. *** $p < 0.001$; ** $p < 0.01$; * $p < 0.05$